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1-31.(canceled)

32.(previously presented) An air treatment device comprising: a person sensor, and an airborne agent detector comprising a plurality of airborne agent sensors, wherein the airborne agent is an airborne chemical in a form of a gas, vapor, solid or liquid particle or droplet, the airborne agent detector comprises means to detect a threshold level or concentration of the airborne agent, a means to mount a source of air treatment agent to the device; and a means to expel a portion of air treatment agent, upon detection of the airborne agent by the airborne agent detector and upon detection of a person by the person sensor, wherein, in use, a processor unit allows airborne treatment agent to be expelled in response to a signal from one or more of the airborne agent sensors, only when the person detector gives a signal and for an interval thereafter.

33.(previously presented) An air treatment device according to claim 32, wherein the airborne agent detector has at least two airborne agent sensors which detect a same airborne agent.

34.(previously presented) An air treatment device according to claim 33, wherein the processor unit must receive signals from at least both sensors that sense the same airborne agent and the person sensor in order to cause a portion of air treatment agent to be expelled.

35.(previously presented) An air treatment device according to claim 32, wherein the mounted source of air treatment agent also passively emanates the air treatment agent.

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36.(currently amended) An air treatment device according to claim 32, wherein the means to expel a portion of air treatment agent comprises a heater element in proximity to a diffusion wick, the heater element being actuated upon detection of the airborne agent by the airborne agent detector and detection of a person by the person sensor in order to increase the emanation of the air treatment agent.

37.(previously presented) An air treatment device according to claim 32, wherein the means to mount a source of air treatment agent to the device comprise means to connect a receptacle to the device, the receptacle comprising the air treatment agent.

38.(previously presented) An air treatment device according to claim 32, wherein the detector includes a sensor which detects both a target gas or vapor and a non-target gas or vapor, wherein in order to eliminate expulsion of air treatment agent in response to the non-target gas or vapor, the device includes a second sensor which detects the non-target gas or vapor but not the target gas or vapor, the processor unit being arranged to prevent expulsion of the air treatment agent when the second sensor detects a signal, completely or until the first sensor gives a signal at a higher threshold value than usual.

39.(previously presented) An air treatment device according to claim 32, wherein the airborne agent detector comprises a conducting polymer sensor.

40.(previously presented) An air treatment device according to claim 32, wherein the airborne agent detector comprises at least one metal oxide sensor.

41.(previously presented) An air treatment device according to claim 32, wherein the air treatment agent expulsion means comprises a pump or aerosol.

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- 42.(previously presented) An air treatment device according to claim 32, on which is mounted a source of air treatment agent.
- 43.(previously presented) An air treatment device according to claim 32, wherein the air treatment agent comprises an agent capable of masking, neutralizing or retarding malodor, or unwanted odor.
- 44.(previously presented) An air treatment device according to claim 32, wherein the air treatment agent comprises a deodorant, an anti-bacterial agent, a sanitizing agent, a fragrance, a perfume or an anti-allergenic agent.
- 45.(previously presented) An air treatment device according to claim 32, wherein the person sensor is an infra-red sensor or a passive infra-red sensor.
- 46.(previously presented) A method of treating an airspace with an air treatment agent, the method comprising the steps of: providing an air treatment device according to claim 32, and detecting an airborne agent in an airspace and detecting a person within the range of the person sensor and activating expulsion of an air treatment agent into the airspace in response to said detection.
- 47.(previously presented) The method according to claim 46, comprising the further step of expelling a single portion of agent in response to detection of an airborne agent and a person, or a plurality of portions intermittently.
- 48.(previously presented) The method according to claim 46, wherein expulsion of an agent comprises expelling a continuous stream of agent for a defined period of time upon detection of an airborne agent and a person.